

Application No.: 10/500263  
Docket No.: PR0032USPCT

Page 2

Amendments to Specification

Page 6, line 36 through page 7, line 21, replace with the following paragraph:

The metal salts of the present invention are dispersed within the binder of the colorant layer, wherein the metal salts have the following structure:



wherein,  $M^{+n}$  is an organic cation, an inorganic cation and mixtures thereof selected from the group consisting of  $NH_4^+$ ,  $N(R^1)_4^+$ , or  $S(R^1)_3$ , wherein  $R^1$  is an aliphatic group containing 1 to 6 carbon atoms and, optionally one or more heteroatoms, or a metal atom selected from groups Ia, IIa, IIIa, VIII, Ib, IIb of the Periodic Table of the Elements;  $n$  is selected from the group consisting of 1, 2 or 3;  $X$  is an anionic species wherein it is selected from the group consisting of an anion or an aliphatic group containing from 1 to 5 carbon atoms containing an anion;  $q$  is selected from the group consisting of 1, 2 or 3; and  $a$  and  $b$  integers wherein (a)  $x(n) = (b) x(q)$ . Preferably, however,  $M^{+n}$  is selected from the group consisting of quaternary amines, such as,  $N(CH_3)_4^+$ ,  $N(C_2H_5)_4^+$ ,  $N(C_3H_7)_4^+$ ,  $N(C_4H_9)_4^+$ ; sulfonium cations, such as,  $S(CH_3)_3^+$ ,  $S(C_2H_5)_3^+$ ,  $S(C_3H_7)_3^+$ ,  $S(C_4H_9)_3^+$ ; or inorganic cations, such as,  $Na^{+1}$ ,  $Li^{+1}$ ,  $K^{+1}$ ,  $Mg^{+2}$ ,  $Ca^{+2}$ ,  $Sr^{+2}$ ,  $Ba^{+2}$ ,  $Fe^{+2}$ ,  $Fe^{+3}$ ,  $Cu^{+2}$ ,  $Zn^{+2}$ , and  $Al^{+3}$ ; and  $X^{-q}$  is selected from the group consisting of halogen elements or oxides of phosphorous, sulfur, or carbon, such as, for example phosphates, sulfates, or carbonates. Further, specific examples include, but are not limited to,  $SO_4^{-2}$ ,  $SO_3^{-2}$ ,  $HSO_3^-$ ,  $S_2O_3^{-2}$ ,  $S_2O_5^{-2}$ ,  $S_2O_5^{-2}$ ,  $OAc^-$  (acetate),  $PO_4^{-3}$ ,  $HPO_4^{-2}$ ,  $H_2PO_4^-$ ,  $F^-$ ,  $Cl^-$ ,  $Br^-$ ,  $I^-$ ,  $CO_3^{2-}$ ,  $CO_3^{2-}$ ,  $HCO_3^-$ , and  $Acac^{-2}$  (Acetylacetone).

Page 7, line 35 through page 8, line 10, replace with the following paragraph:

A particular embodiment of the present invention utilizes a carboxylate salt as the metal salt. Typically the carboxylate salt may be aliphatic or aromatic and comprises a carbon chain length of 1 to 25 carbon atoms with, optionally, one or more heteroatoms. Examples of suitable heteroatoms include, but are not limited to, nitrogen, oxygen, sulfur, and a halogen such as chlorine, bromine or iodine. The carboxylate salt further comprises at least one mono-, di- or trivalent cation. The choice of cation is not particularly important, however, it can be selected to allow water solubility or dispersibility, and wherein the carboxylate salts may typically be monofunctional or multifunctional. Examples of suitable multifunctional carboxylates include, but are not limited to, citrate, tartarate, tartrate, succinates and the like. Examples of suitable monofunctional carboxylates include, but are not limited to, acetate, propionate, butyrate, pentanoates, hexanoates and the like.

Application No.: 10/500263  
 Docket No.: PR0032USPCT

Page 3

Page 8, lines 11 through 18, replace with the following paragraph:

Examples of suitable carboxylate anions, which have also been found to impart relative humidity latitude include, but are not limited to, formate; alkyl ~~carboxylates~~ carboxylates, such as, acetate, citrate, ascorbate, tartrate; aromatic carboxylates, such as, benzoate, substituted benzoates, glutarate, glutamate, ~~valerate~~ valerate, adipate, stearate, homopolymers and copolymers of acrylic, methacrylic, itaconic, maleic, fumaric and styrene sulfonic acids, and 3-(2-(perfluoroalkyl)ethylthio)propionate ( $F(CF_2CF_2)_{3-8}CH_2CH_2SCH_2CH_2CO_2^-$ ).

Page 40, Table 6a, replace with the following Table 6a:

Table 6a

Ingredients	C7 % Solids	C7 S11 Neat Ingredients	S11 % Solids	S11 C7 Neat Ingredients
Distilled Water	0.00	70.78	0.00	70.57
Hycar® 26256	71.40	20.31	72.90	20.74
Penn Color 32R164D - magenta (red acroverse disp)	22.82	8.03	22.82	8.03
Penn Color 32S168 - violet (blue shade)	0.30	0.10	0.30	0.10
Crysta Lyn 551110	1.99	0.28	1.99	0.28
Magnesium Sulfate, anhydrous	1.50	0.21	0.00	0.00
Zonyl FSO-100	1.99	0.28	1.99	0.28
Total	100.00	100.00	100.00	100.00